

THE INSTITUTE SPOKESMAN



MR. J. R. CORBETT
President, N. L. G. I. 1947-48

PUBLISHED BY THE
NATIONAL LUBRICATING GREASE INSTITUTE

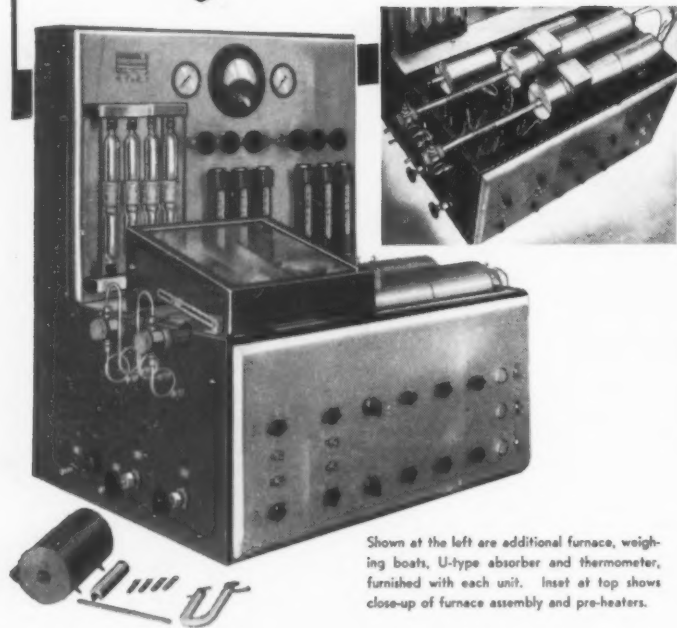
VOLUME XI • NUMBER 8 • NOVEMBER, 1947



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Shown at the left are additional furnace, weighing boats, U-type absorber and thermometer, furnished with each unit. Inset at top shows close-up of furnace assembly and pre-heaters.

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During five years, approximately 6,500 carbon and hydrogen determinations have been made with the Dual Carbon Hydrogen Combustion Apparatus. During this time, the apparatus and procedure have given satisfactory results in routine analysis of the following materials:

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3. Sulfur containing materials such as mercaptans, sulfides, disulfides, and thiophenes.
4. Nitrogen-containing materials such as amines, amides, cyanides, cyanates, hydrazines, pyridines, and nitro compounds.
5. Halogen-containing materials, such as alkyl mono- and dichlorides, and alkyl bromides.
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1. Saves time and effort in establishing the essential conditions.
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3. Provides adequate control and indication of gas flow rates.
4. Provides adequate control of furnace temperature.
5. Assures excess of oxygen in the combustion tube.
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7. Provides a technique for handling volatile samples.
8. Absence of rubber connections eliminates errors due to contamination.
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NLGI FIFTEENTH ANNUAL CONVENTION

October 16-17-18, 1947



Top—A general view of the convention in session. President H. P. Hobart front row right center. Lower left—The newly elected officers for 1947-48. E. V. Mancini, Treasurer; J. R. Corbett, President; B. G. Symon, Vice-President. Lower right—A. J. Daniel and Dwight S. Benton recently elected members of Board of Directors, discuss the Convention Program.

"A Fine Convention!"
"A Splendid Meeting!"
"The Best Convention Yet!"

These are some of the comments that were heard on every hand as the 300 members and guests checked out of the Edgewater Beach Hotel in Chicago on

Saturday afternoon, October 18th, after spending three days at the N.L.G.I.'s 15th Annual Convention. Outstanding speakers were featured on the Convention Program and preprints of each paper read were available at the start of the Convention. Interest in these papers and a desire to have a written record of

what was said was evidenced by the fact that although several hundred more preprints were provided than there were people in attendance, the supply was virtually exhausted. A few additional copies are available and may be secured by writing the N.L.G.I. National Headquarters, 4638 Mill Creek Parkway, Kan-

sas City 2, Mo., Mr. Carl E. Bolte, Executive Secretary.

The Convention was called to order in the East Lounge by Executive Secretary Carl E. Bolte, who introduced President H. P. Hobart (Gulf Oil Corp., Pittsburg) after the singing of the National Anthem. President Hobart's address of welcome included a report of his year's stewardship as President of the N.L.G.I., pointing out the increased activities of the Institute, its growth in membership, the improvement in "The Institute Spokesman" and emphasized the value of N.L.G.I. membership to those in the industry and those closely allied and associated with it.

Executive Secretary Carl E. Bolte was asked to report specifically on the growth of The Institute. The new members were introduced and asked to stand that they might receive the applause of the "old-timers". The improvement of "The Institute Spokesman" was outlined in detail and then the first paper of the Convention was presented by Mr. Dale V. Stingley of Armour and Company in Chicago entitled "FATS, OILS AND FATTY ACIDS FOR INDUSTRIAL PURPOSES".

During the luncheon hour, the Board of Directors of the Institute held its last meeting of the year, heard final re-

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Published monthly by
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GREASE INSTITUTE

CARL E. BOLTE, Editor
4638 Millcreek Parkway
Kansas City 2, Mo.

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ports from Committee Chairmen and completed the Agenda of its year's work.

In the afternoon session, three papers were read, the first on "METALLIC SOAP" by Mr. S. B. Elliott, Assistant to the President, Ferro Chemical Corporation, Bedford, Ohio. The second, a paper jointly prepared by Mr. C. L. Johnson, President Jesco Lubricant Company, and Mr. J. A. Altschuler, Vice President, Stratford Engineering Corporation, Kansas City, Missouri, and read by Mr. Johnson, entitled "GREASE MAKING, AN ART OR A SCIENCE". The third paper was read by Mr. C. E. Pritchard, Lubrication Engineer, Republic Steel Corporation, Cleveland, Ohio, on "THE GREASE PHASE OF STEEL PLANT

LUBRICATION". These and all the other papers read before the Convention will be reprinted in full in subsequent issues of "The Institute Spokesman".

The Annual Business Meeting to which everyone was invited heard a report of the Treasurer, Mr. E. V. Moncrieff (Swan-Finch Oil Corporation, New York) approved a budget for 1947 recommended by the Finance Committee and the Board of Directors, heard a report of the Membership Committee from its Chairman, Mr. Howard Cooper, Sinclair Refining Company, New York, report from the Executive Secretary covering the 15-month period from January 1st, 1946 to October 10, 1947, considered and approved certain changes in the Constitution and By-Laws of the N.L.G.I. and adjourned for a free evening of fellowship and pleasure at private dinner parties and gatherings.

President Hobart opened the Friday morning session and asked Vice President J. R. Corbett (Cato Oil and Grease Co., Oklahoma City), and Chairman of this year's Program Committee to preside during the meeting. The first paper was entitled "PROGRESSIVE PUBLICATIONS RELATIONS FOR THE PROGRESSIVE PETROLEUM INDUSTRY". Mr. Henry L. Porter, Manager Sales Promotion (Wholesale), Standard Oil Company (Indiana), Chicago, Illinois. The second one was by Mr. Harold Vagtho, President, Midwest Research Institute, Kansas City, Missouri, on "RESEARCH — THE THIRD DIMENSION". The final paper of the morning session was delivered by Mr. R. J. S. Piggott, President-elect, S. A. E., and head of the Mechanical Department, Gulf Research and Development Company, Pittsburgh, Pennsylvania, entitled "SOME TRENDS IN EQUIPMENT FOR GREASES".

During the noon recess the new Board of Directors held its first meeting and heard a report of the Nominating Com-

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tee on the election of six new Directors for a three year period, elected officers for the next year, agreed that the 16th Annual N.L.G.I. Convention would be held at the Edgewater Beach Hotel in Chicago on October 14th, 15th and 16th, 1948, adopted a Budget as recommended by the Finance Committee, the previous Board of Directors and the Annual Meeting, and adjourned to meet at the call of the President.

Both sessions of the Technical Committee were presided over by the Committee's Chairman, Mr. Carl W. Georgi, Enterprise Oil Company, Buffalo). The Friday afternoon session heard reports on activities of other Grease Committees, the need for less expensive and less complicated grease testing apparatus and methods, the new Institute of Petroleum method for "Oil Separation on Storage" and the N.L.G.I. Consistency Classification. The Saturday morning session was a continuation of last year's symposium on the "PUMPABILITY OF GREASE AND DELIVERY CHARACTERISTICS OF DISPENSING EQUIPMENT".

Friday evening the members of the Institute, and their guests, including ladies gathered at the West Lounge for a very

pleasant social hour before going to the Grand Ball Room for the Annual Banquet. Seated at the Top Table with President and Mrs. Hobart were President-elect and Mrs. J. R. Corbett, Treasurer and Mrs. E. V. Moncrieff. Speakers on the Convention Program, Mr. Harold Vagtborg, Mr. R. J. S. Piggott, Mr. Dale V. Stingley, Mr. S. B. Elliott and Mr. C. J. Johnson, in addition to the Banquet speaker, Dr. H. D. Hass, Head, Department of Chemistry, Purdue University, Lafayette, Indiana. The subject, "ATOMIC ENERGY," might strike most people as being one that would be involved, complicated, dry and uninteresting as it might well be in the hands of a less talented speaker. But, Dr. Hass, speaking without the benefit of a manuscript or without any notes, made the subject a living, vital, interesting one that the least technical minded member of his audience could understand and enjoy. Tracing the development of the breaking of the atom, speaking with typical modesty of the part that he played in that great drama during the war, he then began to show the tremendous power that was open to mankind in the discovery of Atomic Energy, startling his audience with such state-

ments that "it is quite likely that we will send our first atomic energy powered rocket to the moon within one year" and "people in this room will live long enough to read in the public press about the experiences of the first expedition to Mars." Dr. Hass then pointed out how this great power whose destructive forces were used so effectively to end World War II could also be used for the benefit of mankind. The attention and the prolonged standing applause which followed its completion indicated the keen appreciation of the audience for the masterful address.

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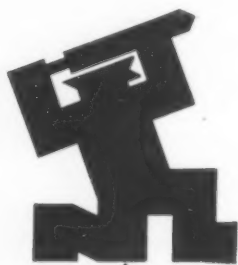
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MEET YOUR NEW PRESIDENT!

Mr. James R. Corbett, newly elected President of the National Lubricating Grease Institute, has 45 years experience in the field of lubrication.

As a mere boy, his first job was with the Moore Oil Company of Cincinnati, Ohio, where he worked for 14 years. Mr. Corbett's burning desire for an education and his determination to acquire knowledge in his chosen field of lubrication inspired him to attend night school at Ohio Mechanical Institute. Every night, six days a week, during those 14 years, Mr. Corbett attended classes from 7:00 P.M. until 10:00 P.M. Equipped with this education and experience, Mr. Corbett worked for three years with the Deep Rock Oil Corporation in Cushing, Oklahoma, and then decided to accept a position with a large oil company in the East. It is a queer turn of fate that while on the train headed for this new job Mr. Corbett looked out of the window as the train passed through Sapulpa and was greatly impressed by the imposing stacks of the Sapulpa Refinery. He got off the train and went to work for the Sapulpa Refinery.

Mr. Corbett's knowledge of production led to his present association with Mr. Cato and Mr. Huffman in the Cato Oil and Grease Company of Oklahoma City. They purchased a formula and a grease kettle and with Mr. Huffman handling the business department, Mr. Cato supervising sales and Mr. Corbett directing production, the company has grown during these twenty-five years to be an outstanding unit and a leader in the industry.

Mr. Corbett's interests, aside from his duties and responsibilities as Vice President of the Cato Oil and Grease Co., are his church work, civic activities and youth organizations to which he gives liberally of his time, talent and financial support. The Corbetts have three daughters, all married. A son, Paul, was a Combat Engineer with the rank of Captain and gave his life on the altar of Freedom while fighting in Germany in World War II.

President's Column..



J. R. Corbett
President N.L.G.I.

In my first column of the President's Column, I want the privilege of telling you what a high honor it is to serve the National Lubricating Grease Institute as President. In addition, I want to assure you that during the coming year I shall try to discharge my duties in a manner worthy of the competent men whom I am following in office.

As we start the new year it is a good time to take a quick look backwards and pay a well deserved tribute to the founders of this Institute, J. R. Battenfeld, deceased, Guy Peters and W. H. Sanders, Jr., and the men who joined with them to plant the seed that is now bearing such abundant fruit. To them we owe more than words can express.

The year just closed has been an impressive one and I want to make special mention of the excellent work done by my immediate predecessor, in this

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Office, Harold P. Hobart. We have made great strides toward our objectives and this progress was due in large measures to the skill and competence with which Mr. Hobart and his supporting committees discharged their duties. The outstanding work of these Committees is a credit to Mr. Hobart's discernment in being able to choose men extraordinarily capable in the duties to which they were assigned.

The work of the Technical Committee under the apt guidance of Carl W. Georgi has been an inspiration to us all. These men have brought to light many new and interesting methods of approach. This past year has seen the greatest advancement in the field of technical research that we have ever known.

The Membership Committee has accomplished wonders in bringing many new members into this organization. Mr. Howard Cooper took over the Chairmanship of this Committee after the untimely death of Mr. J. R. Battenfeld and carried on in splendid fashion. The growth of the Institute is eloquent testimony to the ever-increasing importance which the organization is assuming.

With proper modesty I mention the

work of last year's Program Committee and do so because I want the privilege of thanking the members of that Committee for the work they did. A program of the scope and magnitude which was presented at the recent 15th Annual Convention in Chicago could never have been arranged without the assistance of these worthy men. So, to Mr. H. A. Mayor, Mr. G. L. Neely, and Mr. B. G. Symon goes my sincere thanks.

The splendid work done by our capable executive secretary, Mr. Carl E. Bolte, is also worthy of high praise. As director of the National Headquarters, Editor of "The Institute Spokesman", he has kept in close touch with all activities of the Institute and has done a lion's share of good work for the organization.

Yes, it has been a big year—a big, big year. And this next year promises to be even bigger. Our industry is expanding at an amazing rate of speed. Never before has such progress been noted. Never before have we, as members of the N.L.G.I. occupied such a prominent place in the scientific limelight.

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Wherever anything moves, coming in contact with other materials, friction is generated. Wherever friction is generated, lubrication is required. *Nothing can move without it.* Just think of what that means in this mechanical and scientific age. Just think of the vast importance our industry assumes in the realization of that meaning! Especially now, when the international cauldron is close to the boiling point, it is infinitely important that we not only keep abreast in the field of development — it is imperative that we stay ahead in this field, far ahead. We of N.L.G.I. must do our part to win the peace, as we did our part to win the war.

As your President for the next twelve month period, I will do everything in my power to further the accomplishments of the N.L.G.I., giving aid and assistance to each of the Committees that have been appointed and I hope each of you will follow that kind of leadership, giving liberally of your time and interest to the affairs of the Institute.

I know I speak for all of you when I

say this: *We cannot let down now.* Last year's outstanding record will only serve to inspire us to continue the good work toward our goal of (a) the technical advancement of grease manufacture, (b) the development and production of better lubricating greases for the grease consumer and (c) the development of better service to industry.

I am sure all of you realize the vast importance of this work and I am equally sure that you will assume your just share of it as you have always done in the past.



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PRES. HOBART'S ADDRESS TO THE CONVENTION

Members of the National Lubricating Grease Institute, honored guests, ladies and gentlemen, it is a great honor and privilege to welcome so many of our members and friends here today to the 15th Annual Convention of the National Lubricating Grease Institute. It is very gratifying indeed to the Officers of the Institute to witness the fine support manifested by the attendance of so large a proportion of our members. The Officers, Directors and members of the Institute join with me

in expressing a special welcome to our guests and friends who have gathered at this meeting to hear the fine speakers which the Program Committee has arranged to hear and take part in the discussions and study of some of the many technical problems of current interest to the grease industry, and to enjoy with us the other features of our program.

The Institute is deeply appreciative of the sacrifice which you are making in making your valuable time from other responsibilities to join with us at this meeting.

We sincerely hope that the program which has been arranged will prove both interesting and enjoyable to you and that when you leave here you will feel that your time has been well spent.

As the National Anthem of the United States was being sung your pulse was

quickened by the thrill that this song always creates, and by our good fortune to live as free men in a world torn with dissension and intrigue. We thank God that we are permitted to convene here today in peace, to follow our plans to be of service to our country and to industry in contributing to technical advancements in the field of lubrication.

Perhaps we should also pause a moment to reflect on the essential character of our industry and the real part played by lubricants in this mechanical age. To reflect, perhaps, on what would happen to our busy life if all mechanical lubrication should stop and leave us without electric light, gas, newspapers, telephone, elevators, or means to operate any mechanical form of transportation such as motor cars, buses, trains, street cars, airplanes or power-propelled boats.

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It would be as though the hands of time had been turned back. Cities would soon be without food for lack of transportation. Whole populations would undoubtedly starve. This unpleasant picture helps, however, to emphasize the importance of lubrication and the essential character of the products which we manufacture, sell and use.

When we fully realize how valuable lubricants really are when measured by the service which they perform in permitting practical operation of all forms of mechanical equipment, we can readily agree that they are one of the least expensive commodities which enter into our daily life. Perhaps, too, we will better appreciate the distribution system which brings them to motorists and industrial consumers all over the country with a maximum of convenience.

As this Institute year draws to a close we are assembled here to review the progress which has been achieved, to pick some fruits of our endeavors and to lay plans for greater usefulness in the field of technical advancements in the manufacture, application and use of lubricating greases, and to enjoy good fellowship.

The National Lubricating Grease Institute desires that every one interested in the manufacture, sale and use of lubricating greases should be familiar with its aims and purposes and with the many advantages of membership in the Institute.

Foremost among these objectives are:

1. The technical advancement of grease manufacture.
2. The development and production of better lubricating greases for the grease consumer.
3. The development of better service to industry.

The Institute endeavors to promote these objectives in the following ways:

1. By providing forums for technical discussions between producers and consumers.
2. By encouraging research in the field of lubricating grease.
3. By promoting laboratory and field tests.
4. By the dissemination of technical data relative to improvement of lubricating grease and new developments relating to products, application and use.

The National Lubricating Grease Institute is primarily a technical society or non-profit organization having three classes of membership:

1. All companies manufacturing lubri-



H. P. Hobart

TO ALL MEMBERS OF N. L. G. I.

As the 1947 Institute year came to a close with our 15th Annual Convention at Chicago last month, and with it my term as President, I want to take this opportunity to express to each and every member of N. L. G. I. my deep appreciation of the honor and privilege of serving as President during this past year, my deep gratitude to each of the members for the splendid support which they have given me during the past year, and to express my confidence that the Institute will continue to make outstanding progress and to be more and more useful to the producer and consumer alike as the years go by.

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cating greases are cordially invited to become Active Members.

2. All companies selling lubricating greases who are not manufacturers, companies manufacturing lubricating equipment, and companies supplying fats, chemicals and other supplies used in grease manufacture, are cordially invited to become Associate Members.
3. Technical and educational organizations are cordially invited to become Technical Members.

The Institute, through these three classes of membership, brings together within its organization companies who manufacture and sell all types of lubricating greases, companies which serve the grease industry with equipment, supplies and service, and technical and educational organizations which are in position to contribute by their experience and facilities to the development of better greases.

Thus, in arranging forums with consumers and users of lubricating greases the Institute seeks to provide ready contact between the consumer and groups of specialists for the discussion of technical problems relating to the application and use of lubricating grease, and through Panels of its technical Committee can readily and quickly set up well-qualified producer-consumer groups to study any particular technical problem in its field.

At its Annual Conventions the Institute seeks to arrange for the presentation of papers on subjects of particular current interest to the grease industry by experts of recognized authority in their field, to make copies of these papers available to all those attending these conventions, and to further disseminate this technical information by the publication of these papers in the "Institute Spokesman," the official publication of the National Lubricating Grease Institute.

The organization structure is fundamentally democratic, each Active Mem-

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...er company having only one vote regardless of size. Therefore, no group domination from within or from outside the industry is considered possible. The membership represents both the large and the small grease manufacturer alike and has wide geographic representation.

Founded in 1933 as "The National Association of Lubricating Grease Manufacturers, Inc.," and changing its name in 1937 to "The National Lubricating Grease Institute," it has enjoyed a healthy growth from its inception, amplifying the scope of its activities and gaining wide recognition for its technical contributions to industry.

Today the Active Membership is believed to represent approximately 95% of the grease manufactured in the industry.

The governing body of the National Lubricating Grease Institute is the Board of Directors, composed of 18 duly qualified representatives of Active Members elected by the Active Members at the Annual Conventions which are held in the Fall of each year, and to which the members and all others interested are invited.

The active work of the Institute is carried on by Officers and Committees elected or appointed for the Institute year, which starts in October.

Through these Officers and Committees, contact is maintained with those Departments of the Government which have to do with the grease industry, and with other organizations and technical societies interested in the problems of application and use of lubricating greases.

The Institute year of 1947, which is being brought to a close with this 15th Annual Convention, has been an outstanding one in the history of the National Lubricating Grease Institute. Research and development activities, business conditions in general, and the internal affairs of the Institute, have all contributed to this.

The post-war period has brought with

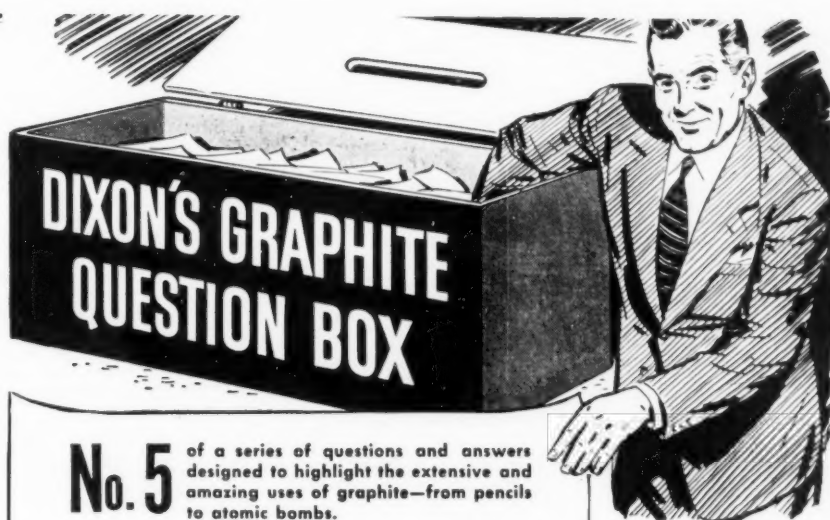
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No. 5 of a series of questions and answers designed to highlight the extensive and amazing uses of graphite—from pencils to atomic bombs.

HELPFUL ANSWERS FOR TECHNICIANS AND PRODUCT ENGINEERS

QUES. What are some of the qualities of graphite which have earned for it a reputation of being one of the most versatile minerals?

ANS. 1. As a lubricant it can be used in dry powdered form or as an additive, being available in particle sizes from 2 microns to large flake sizes containing particles from 1/2 to 2 millimeters.

2. It is available in concentrated form in various types of vehicles to produce suspensions for varying functions.

3. It can be incorporated in powder metallurgy processes to produce oilless bearings, and in iron powder metallurgy to produce preformed steel parts of high tensile strength.

4. It withstands excessively high and low temperatures, high pressures and operating speeds, and its chemical inertness makes it insoluble in all other known substances.

5. Graphite rates high as an efficient conductor of heat, as evidenced by its long and increasing usage in producing crucibles, retorts, molds and refractories.

6. Graphite is an efficient conductor and controller of electricity, resulting in its wide usage in producing self-lubricating motor and generator brushes, dry batteries, electrodes, resistors, television cathode tubes and other products in the electrical and electronic fields. Graphite is also widely used as an electrical conductor in electroplating processes.

7. Because of its resistance to chemical and temperature decomposition, graphite is widely incorporated as a pigment in protective coatings and paints.

8. Graphite adheres readily to other substances and materials but does not permit other substances to adhere to it. That is why its services as a coating or separator on foundry sand, aluminum and other types of molds are widely recognized.

9. Graphite is incorporated in steel to raise the carbon content.

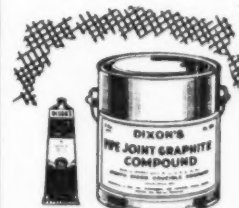
10. Graphite, because of its heat-resisting qualities, is used in steel liquid hardening baths, and in somewhat similar techniques in the production of iron and steel.

11. Graphite is non-toxic and does not permanently stain or discolor other materials. Applied in some forms it produces a sleek, silvery, light-reflecting surface when rubbed or combined with transparent vehicles.

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LOOK FOR No. 6

in this series. We will gladly send you reprints of any you may miss.

it greatly increased research activity in the field of lubricating grease, a surprisingly high level of grease consumption indicating increased progress in the field of lubrication, and increased activities within the Institute.

In the field of research we have watched new developments pertaining to grease manufacture take hold. These developments include continuous processes which have so increased the speed of grease manufacture as to render much of our older equipment almost obsolete for the production of tonnage greases. Undoubtedly batch kettles recently installed, and especially those provided with high temperature and pressure controls and mechanical agitation, will continue to produce many of the so-called specialty greases which are not yet manufactured in large tonnages. Much progress has been made in further development of some of the newer types of high temperature greases, including anhydrous grease. Increased operation of aircraft at high altitudes and of other equipment in low temperature zones, call for the development of special greases which will perform satisfactorily over a range of temperature from as low as 80° below 0° F. to as high as 200° above.

As with lubricating oils, increased knowledge of various types of additives, their compatibility, and the extent of their influence on the characteristics of various types of grease, points the way to extensive improvements in greases, especially as regards their resistance to oxidation, melting point, resistance to corrosion of various alloy bearings, film strength, adhesion to metal surfaces, minimizing of torque loads, etc. It looks as though for some time to come the effects of additive developments will be cumulative as our knowledge of additives and their effect is increased, and it is, therefore, likely that developments along these lines will command and receive considerable attention from our research engineers for some time to come.

In the field of chemical and physical testing of greases the past year has seen further progress with the pressure viscosimeter as well as considerable progress along other lines, and you will hear of further developments in papers presented before this Convention.

A number of new grease problems relating to national defense are commanding our best attention. Some of these problems were pointed out at the recent meeting of the Army Ordnance Association

held at the Aberdeen Proving Grounds.

It has been the first full year in which the Institute has had the benefit of the direction and planning of our Executive Secretary, Mr. Carl E. Bolte, who joined our organization on July 1, 1946, and whose help and influence has been highly instrumental in the progress which the Institute has made during the past year.

There is no sounder reason for the existence of this Institute than the assistance which it can give to producer and consumer alike. Both Mr. Bolte and our Technical Committee have contributed greatly in this direction, and with the developments which are now being proposed for the Institute organization, and especially for the Technical Committee, the groundwork is being laid for greater usefulness in the future.

The Institute hopes that it may in the future be helpful in bringing designers of various types of equipment into contact with lubrication engineers to effect improvements in the design of lubricating systems and to thereby provide in other directions for improved lubrication and increased life of mechanical equipment.

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issue our official publication, "The Institute Spokesman," inaugurated a considerable improvement in scope, arrangement and format, and with the March, 1947, issue celebrated its 10th Anniversary. As the remarks of our Executive Secretary, who is Editor of the "Spokesman," will include some comment relative thereto, as well as a report on the increase in membership during the past year, which has been most gratifying, further comment on these subjects will be left to him.

The Executive Committee under the able leadership of Mr. B. C. Voshell as Chairman, the Program Committee under the leadership of Mr. J. R. Corbett, the Finance Committee under the leadership of Mr. E. V. Moncrieff, and the Membership Committee under the leadership, first, of Mr. J. R. Battenfeld, one of the original organizers of the Institute, who passed away last May, and later under the leadership of Mr. Howard Cooper, have, along with the other Committees, done outstanding work during the year and have contributed greatly to the progress which has been made.

The largest and most important com-

mittee of our Institute is the Technical Committee, comprising 58 members, of which Mr. Carl W. Georgi is Chairman and Mr. H. L. Moir, Vice Chairman. This Committee has been very busy during the year and has had under study a number of important technical problems. At our Annual Convention last year this Committee undertook a symposium on "Pumpability of Greases and Delivery Characteristics of Dispensing Equipment," which engendered so much interest that

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the Committee is holding a continuation of this symposium at this meeting.

I want to take this opportunity to express my appreciation for the opportunity and honor of serving as President of the National Lubricating Grease Institute during the past year and to thank the Directors, the Executive Secretary, and all members and friends of the Institute, for the splendid support which they have given to the Institute throughout this period. I want to again thank each and everyone of you in the audience today for coming here and for your contribution in time and effort to this 15th Annual Convention of the National Lubricating Grease Institute, and to wish each one of you a very full measure of success in carrying on your part of the work in the grease industry throughout this beloved country of ours, which God has seen fit to bless so generously not only with raw materials and facilities for production, but with a united people who have shown outstanding energy, skill and devotion to duty under our system of free enterprise and under the liberties and freedom granted by our Constitution, under which conditions God grant that we may be privileged to continue to live and work.

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NEW N.L.G.I. OFFICERS SELECTED

The Board of Directors of the N.L.G.I., meeting for its first session at the Edge-water Beach Hotel, October 17, 1947, unanimously elected the following officers to serve for the next twelve-month period:

President—Mr. J. R. Corbett, Cato Oil and Grease Co., Oklahoma City

Vice President—Mr. B. G. Symon, Shell Oil Company, New York

Treasurer—Mr. E. V. Moncrieff, Swan-Finch Oil Corporation, New York

Executive Secretary—Mr. Carl E. Bolte, 4638 Mill Creek Parkway, Kansas City 2, Missouri.

The Board also designated the Edge-water Beach Hotel at Chicago, Illinois, the place for the 16th Annual Convention and set the dates for October 14, 15 and 16, 1948.



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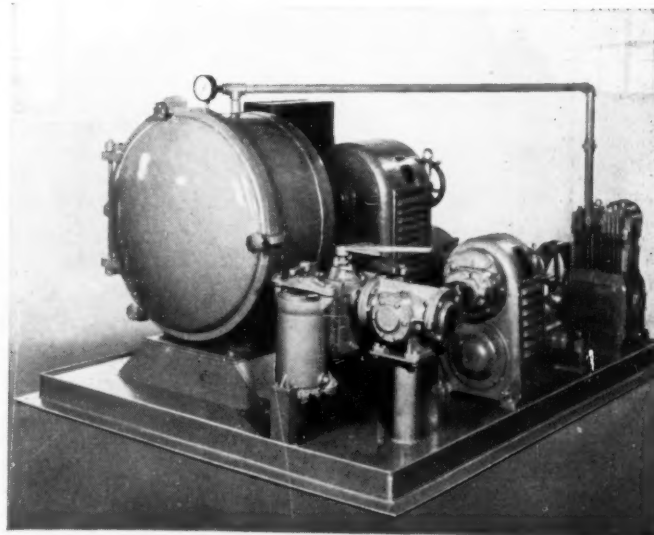
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